

2. (Amended) Sol according to claim 1, wherein the titanium oxide particles are at least partially covered by a layer of at least one silicon or metallic oxide, hydroxide or oxyhydroxide.

3. (Amended) Sol according to claim 1, wherein the titanium oxide particles are at least partially covered:

- by a first layer of at least one cerium and/or iron compound, and
- by a second layer of at least one silicon or metallic oxide, hydroxide or oxyhydroxide.

4. (Amended) Sol according to claim 2, wherein the titanium oxide particles have a BET specific surface area of at least 70 m<sup>2</sup>/g.

5. (Amended) Sol according to claim 2, wherein the ratio by weight of the silicon or metallic oxide(s), hydroxide(s) or oxyhydroxide(s) to titanium dioxide is at most 60% by weight.

6. (Amended) Sol according to claim 3, wherein the first aforementioned layer is based on at least one cerium compound with a content such that the ratio by weight of the cerium compound, expressed in CeO<sub>2</sub>, to the titanium dioxide is at most 6% by weight.

7. (Amended) Sol according to claim 2, wherein the first layer or the second layer is based on silica and/or aluminum oxide, hydroxide or oxyhydroxide.

8. (Amended) Sol according to claim 1, wherein the organic liquid phase is based on a polar solvent.

9. (Amended) Sol according to claim 1, wherein the amphiphilic compound is selected from the group consisting of polyoxyethylenated alkyl or alkylaryl ether phosphates.

10. (Amended) Sol according to claim 1, wherein the polar solvent is selected from the group consisting of halogenated solvents, esters, and alcohols.

11. (Amended) Solid compound comprising a mixture of titanium oxide particles and at least one amphiphilic compound selected from polyoxyethylenated alkyl ether phosphates.

12. (Amended) Solid compound according to claim 11, wherein the titanium oxide particles are at least partially covered with a layer of at least one silicon or metallic oxide, hydroxide or oxyhydroxide.

13. (Amended) Solid compound according to claim 11, wherein the titanium oxide particles are at least partially covered:

- by a first layer of at least one cerium and/or iron compound, and
- by a second layer of at least one silicon or metallic oxide, hydroxide or oxyhydroxide.

14. (Amended) Process for the preparation of a sol according to claim 1, comprising the mixing amphiphilic compound and the organic liquid phase together, then the titanium oxide particles, optionally covered with one or both of the aforementioned layers, are dispersed in the mixture obtained.

15. (Amended) Process for the preparation of a sol according to claim 1, comprising a mixture forming of titanium oxide particles, optionally covered by one or both of the aforementioned layers, and at least one aforementioned amphiphilic compound, then dispersing said mixture in the liquid phase.

16. (Amended) Process for the preparation of a sol according to claim 1 comprising an organic liquid phase (a), in particular a sol in an organic phase (a) based on a polar solvent, comprising forming a dispersion comprising titanium oxide particles, optionally covered by one or both of the aforementioned layers, and at least one aforementioned amphiphilic compound in an organic liquid phase (b) based on a solvent with a lower polarity than that of the solvent of the organic liquid phase (a); separating the

solid phase from the liquid phase (b); and dispersing the solid phase obtained in this way in the organic phase (a).

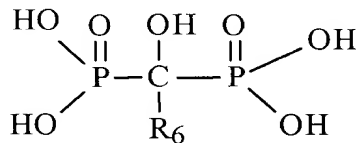
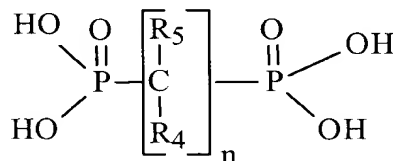
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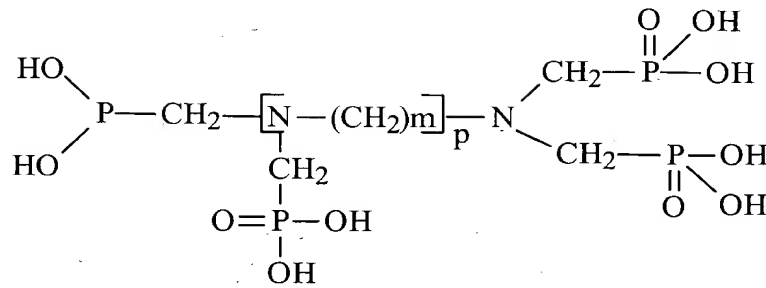
17. (Amended) Preparation process according to claim 14, comprising using, as the starting product, titanium dioxide particles which were obtained by hydrolysis of at least one titanium compound A in the presence of at least one compound B selected from the group consisting of:

(i) acids which have:

- either a carboxyl group and at least two hydroxyl and/or amine groups,
- or at least two carboxyl groups and at least one hydroxyl and/or amine group,

(ii) organic phosphoric acids of the following formulas:





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- and in the presence of anatase titanium dioxide seeds;

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19. (Amended) Process according to claim 17, comprising using, as the starting product, titanium dioxide particles which were obtained by the aforementioned hydrolysis process and in which the titanium compound A is titanium oxychloride.

20. (Amended) Process according to claim 17, comprising using, as the starting product, titanium dioxide particles which were obtained by the aforementioned hydrolysis process and in which compound B is citric acid.

21. (Amended) Process according to claim 17, comprising using, as the starting product, titanium dioxide particles which were obtained by a process comprising the aforementioned hydrolysis and in which the precipitate formed is separated from the hydrolysis medium then redispersed in water resulting in a dispersion of titanium oxide in water and where said dispersion is dried at a temperature no greater than 120°C.

22. (Amended) Process according to, wherein the sol is subjected to an ultrafiltration treatment.

23. (Amended) Formulates for cosmetics, varnishes, paints or plastics comprising an effective amount of the sol according to claim 1.